

```

    oSheet = ThisComponent.getSheets().getByIndex(0)
REM Range("A1")
    oCell = oSheet.getCellByPosition(0, 0)
    sVar = oCell.getValue()
    Print sVar
End Sub

```

Option `VBASupport` may affect or assist in the following situations:

- Allow special characters as identifiers. All characters that are defined as letters in the Latin-1 (ISO 8859-1) character set, are accepted as part of identifiers. For example, variables with accented characters in their names.
- Create VBA constants including non-printable characters (`vbCrLf`, `vbNewLine`,...).
- Support `Private/Public` keywords for procedures.
- Compulsory `Set` statement for objects.
- Default values for optional parameters in procedures.
- Named arguments when multiple optional parameters exist.
- Preload of LibreOffice Basic libraries.

VBA UserForms (LibreOffice Basic Dialogs)

UserForms (Dialogs) appears frequently in macros that demand your interaction and parameter selections. The code snippet below is a recipe for such conversions, which are not handled automatically by VBA options.

Listing 15. VBA display of a UserForm [Dialog] called “MyForm”

```

Sub MyProc
    MyForm.Show
End Sub

```

Listing 16. LibreOffice Basic display of a UserForm [Dialog] called “MyForm”

```

Rem oDlg should be visible at the module level
Dim oDlg As Object
Sub MyProc
    DialogLibraries.LoadLibrary("Standard")
    oDlg = CreateUnoDialog(DialogLibraries.Standard.MyForm)
    oDlg.execute()
End Sub

```



Note

The `oDlg` variable is visible at the module level to all other procedures that are accessing controls on the dialog. This means all the procedures manipulating or accessing controls on this dialog panel are housed in a single module.

Conclusion

This chapter provides an overview of how to create libraries and modules, using the macro recorder, using macros as Calc functions, writing your own macros without the macro recorder and converting VBA to LibreOffice Basic. Each topic deserves at least one chapter, and writing your own macros for Calc could easily fill an entire book. In other words, this is just the beginning of what you can learn.